



ConectiSys

CONC M10-LG-F1

AMR for Utility Demand Response Monitoring

Product Description

CONC M10-LG-F1

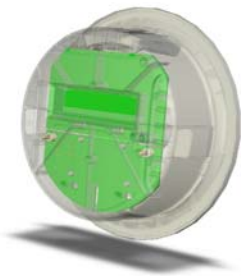
900MHz Wireless AMR Meter (L+G FOCUS GEN 2)

The CONC M10-LG-F1 is a complete high performance 900 MHz AMR solution utilizing the CONC proprietary H-NET™ Network protocol. The AMR electronics are embedded in Landis + Gyr's FOCUS GEN2 meter targeted for residential electricity demand usage monitoring.

The M10 encodes accurate consumption information from the electricity meter, and then transmits the data to an H-NET™ enabled cellular BaseStation at intervals of 15 minutes, 24/7.

The H-NET™6.0 Point to Point Link Architecture provides both increased range and the ability to dynamically reconfigure the network to provide the optimal data signal path, thus increasing network reliability and throughput.

Rapid utility demand response can now be realized with the availability of endpoint specific load analysis, resulting in increased utility efficiencies.



For more information on the M10 and the H-NET™ solution, visit on line at www.conectisys.com or contact us at our corporate offices.

Features



- **Integrated Landis + Gyr FOCUS Single Phase Meter**
- **H-NET™6.0 Network Protocol Compatible**
- **Advanced AMR solution for Residential monitoring**
- **Completely Integrated Radio Transceiver and Processor**
- **Supports Multiple Hop Layers for extended range and reliability**
- **Built in Flash Memory**
- **900 MHz ISM band spread spectrum transceiver**
- **Compact high efficiency embedded antenna**
- **Built-in Adaptive Dynamic Power Allocation**
- **15 Minute Interval Reporting via cellular BaseStation**
- **No Field Programming Required**
- **On Demand Diagnostics Over The Air (ODDOTA)**
- **Power Disconnect Capable**

AMR MeterSystem



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**M10-LG-F1B
BASESTATION**

Product Specifications

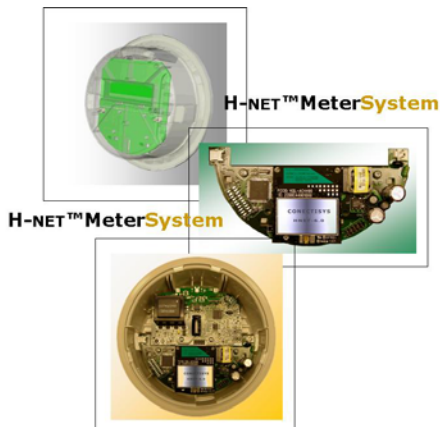


AMR Bi-Directional Utility Demand

Response Monitoring for:

Commercial & Residential

- Frequency Band **902-928 MHz**
- RF Data Rate **76.8 kbps**
- RF Technology **Frequency Hopping Spread Spectrum (FHSS), 50 Channels**
- RF Power **Approx. 1W maximum peak , 20msec**
- Power Dissipation **50mA to 1300mA (max transmit)**
- AC Line Voltage **240 VAC, Single Phase**
- Compliance **FCC Part 15.247**
- Security Encryption **56-bit DES Encryption Key**
- Meter FORM **2S**
- L+G Focus Meter Type **EA110000-A000**
- Operating Temperature **-40° C to +80° C**
- Storage Temperature **-50° C to +85° C**
- Meter Data Parameters: **kWh, cumulative**
 - ❖ kW, instantaneous
 - ❖ Voltage, instantaneous
 - ❖ Meter Serial Number
 - ❖ 2-way RSSI
 - ❖ Network: Logical Address, RF Channel, Link Data (Hop Layer Routing)



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